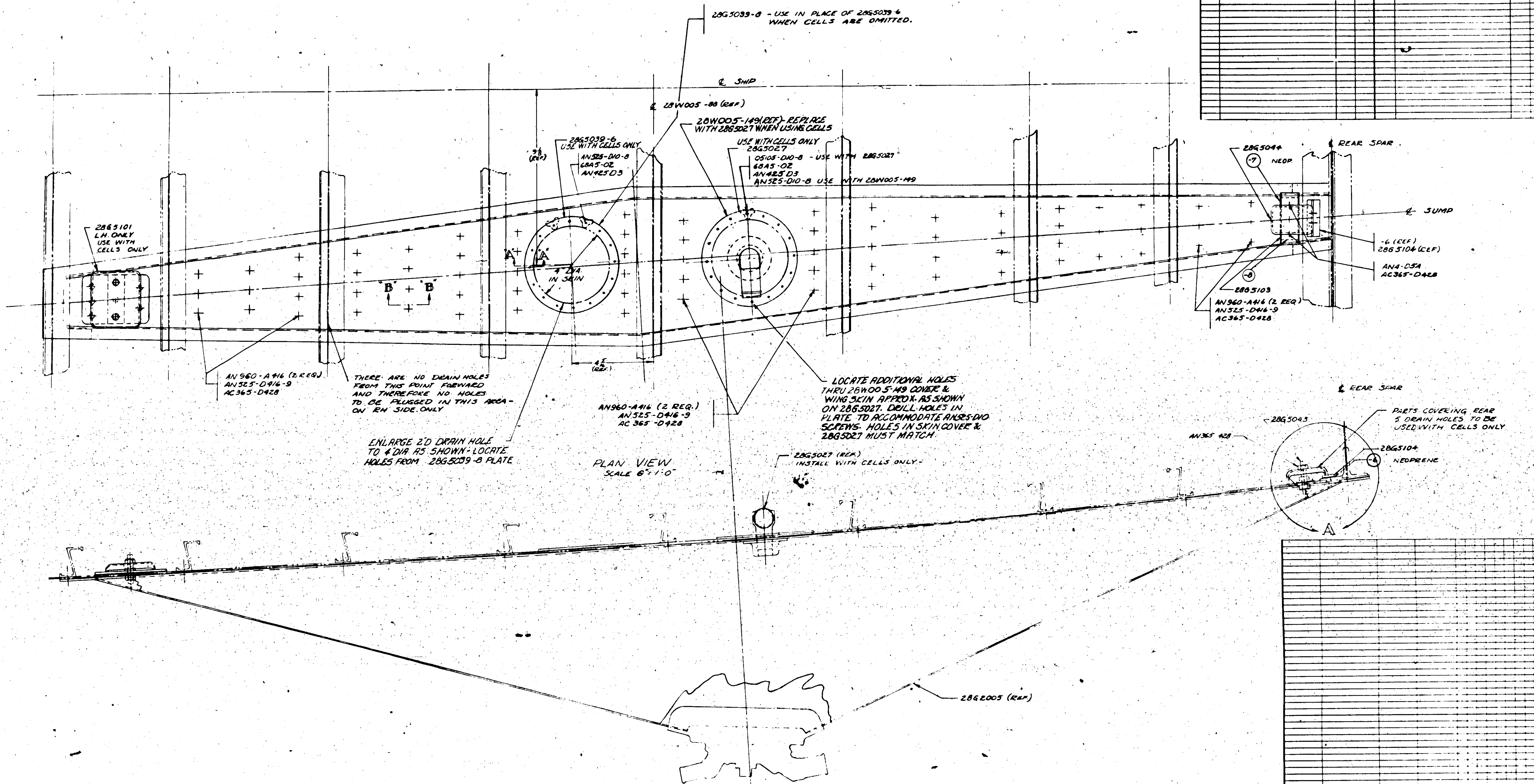
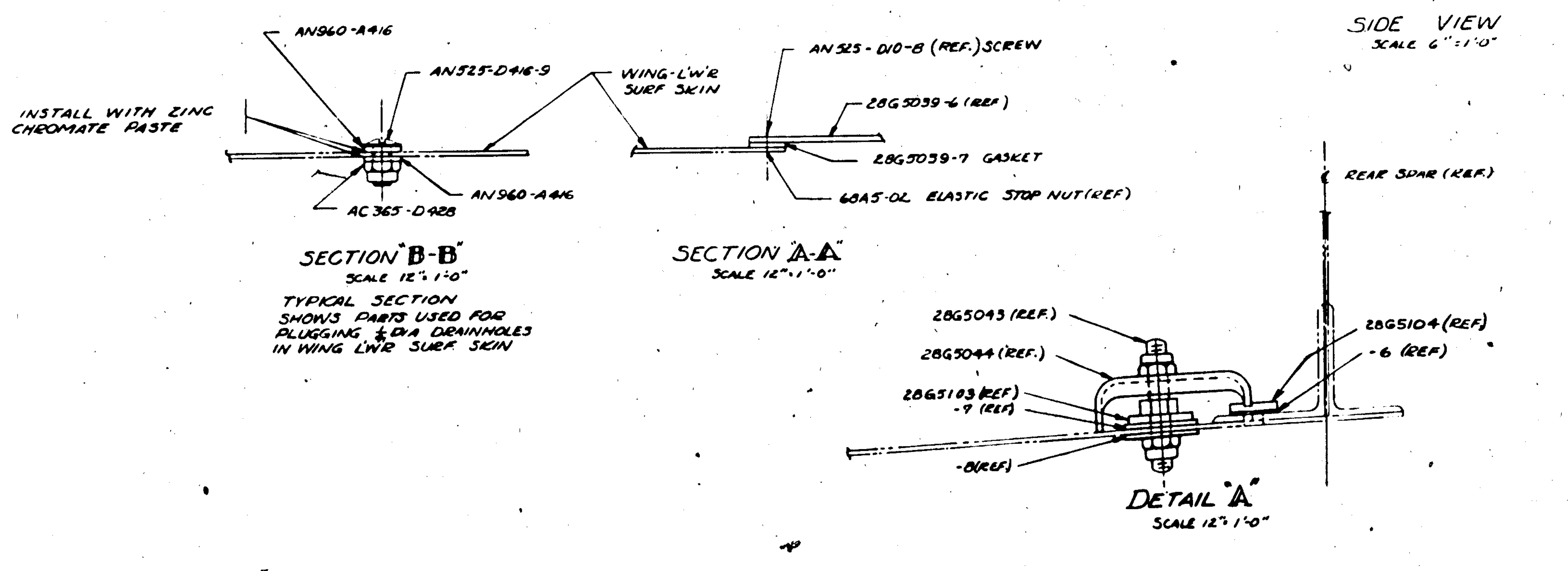




GENERAL NOTES:

1. THIS DRAWING TO BE USED TO ACCOMPLISH CONTRACT CHANGE "W" ON PBY-5 SHIPS BUREAU SERIAL NOS 2289, 2291-2293 INC AND 2301-2323 INC. (27 SHIPS) ONLY.
2. ALL WORK INDICATED ON THIS DRAWING TO BE DONE BY NAVY PERSONNEL
3. ALL PARTS CALLED IN B/M OF THIS DRAWING TO BE FURNISHED BY C.A.C.
4. THIS DRAWING SHOWS ONLY CHANGES TO BE MADE IN EXISTING SHIPS (BUILT AS PER 28G2005) TO MAKE PROVISIONS FOR SELF SEALING CELL INSTALL.
5. THE FOLLOWING PROVISIONS TO BE ACCOMPLISHED AT ANY TIME PRIOR TO FUEL CELL INSTALL:
   - A ENLARGE 2" DIA DRAIN HOLE TO 4" DIA
   - B INSTALL AN525-D416-9 SCREWS, AC365-D428 NUTS AND AN960-A416 WASHERS TO PLUG ¼" DRAIN HOLES AS SHOWN ON SECT "B-B" AND PLAN VIEW OF THIS D'W'G.
   - C INSTALL 28G5039-8 OVER DRAIN HOLE ENLARGED TO 4" DIA AS SHOW ON THIS DRAWING.
   - D REWORK 28W005-149 COVER AND REINSTALL AS SHOWN ON THIS DRAWING
6. THE FOLLOWING PROVISIONS NOT TO BE ACCOMPLISHED UNTIL THE TIME OF INSTALL. OF FUEL CELLS
   - A REMOVE 28G5039-8, 28W005-149 AND REPLACE WITH 28G5039-6 & 28G5027 RESPECTIVELY
   - B COVER ¼" DRAIN HOLES AT FRONT AND REAR OF SUMP AS SHOWN ON THIS DRAWING.
   - C. AFTER COMPLETING INST. OF THESE DETAILS, PRESSURE TEST SUMP WITH 3 LBS. SQ. IN. USING SOAPY WATER ON INSIDE OF GAS TANK TO INSURE GAS TIGHTNESS BETWEEN SUMP AND TANK.

SEE NOTE #1.

ASSY DASH NO.	MODEL	NEXT ASSY	REQ
-R	PBY-5	28W5043	1
-L	PBY-5	28W5043	1

REQUIREMENTS PER AIRPLANE

SCALE: NOTED

PART No	STOCK	MATERIAL	SPEC	-0 LH REQ	-0 RH REQ
Q5105-D10-8				16	16
AN525-D10-8				32	32
AC365-D428				75	68
AN425 D3					
AN525-D416-9				73	63
AN960-A416				146	126
AC365-428				2	2
AN4-D5A				2	2
68A5-02	ELASTIC STOP NUT			32	32
28G5043	STUD			1	1
28G5044	COVER			1	1
28G5039-7	GASKET			1	1
28G5039-6	COVER			1	1
28G5027	FITTING			1	1
28G5039-8	COVER			1	1
28G5104				1	1
28G5103				1	1
28G5101				1	
-8	.064 x 1½ x 2⅛	ALC 24ST	47A8 COVER	1	1
-7	1/16 x 7/8 x 2⅜	NEOPRENE	N-11	1	1
-6	1/32 x 7/8 x 1⅛	NEOPRENE	N-11	1	1

PARTS LIST PER ASSY

NAME: SUMP DETAILS - WING - SELF SEALING CELLS

OPP HAND 28G5100 R

J 28G5100

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

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